

Form 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION	Docket Number: SVL920050702US2	Application Number: 10/770,295
	Applicant: Jane W. Chang et al.	
	Filing Date: February 2, 2004	Group Art Unit: 2164

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,586,160	04/1986	Amano et al.			
	4,724,523	02/1988	Kucera			
	5,060,155	10/1991	Van Zuijen			
	5,068,789	11/1991	van Vliembergen			
	5,099,425	03/1992	Yuji et al.			
	5,101,349	03/1992	Tokuume et al.			
	5,111,398	05/1992	Nunberg et al.			
	5,146,406	09/1992	Jensen			
	5,251,129	10/1993	Jacobs			
	5,251,131	10/1993	Masand et al.			
	5,321,608	06/1994	Namba et al.			
	5,325,298	06/1998	Gallant			
	5,349,526	09/1994	Potts et al.			
	5,369,577	11/1994	Kadashevich et al.			
	5,371,807	12/1994	Register et al.			
	5,418,717	05/1995	Su et al.			
	5,418,948	05/1995	Turtle			
	5,493,677	02/1996	Balogh et al.			
	5,577,241	11/1996	Spencer			
	5,594,641	01/1997	Kaplan et al.			
	5,610,812	03/1997	Scabes et al.			
	5,634,121	05/1997	Tracz et al.			
	5,649,215	07/1995	Itoh			
	5,680,628	10/1997	Carus			
	5,687,384	11/1997	Nagase			
	5,701,400	12/1997	Amado			
	5,708,829	01/1998	Kadashavich			
	5,721,897	02/1998	Rubinstein			
	5,737,621	04/1998	Kaplan et al.			

EXAMINER:	DATE CONSIDERED:
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

Form 1449*	Docket Number: SVL920050702US2	Application Number: 10/770,295
INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION	Applicant: Jane W. Chang et al.	
	Filing Date: February 2, 2004	Group Art Unit: 2164

5,737,734	04/1998	Schultz
5,761,631	06/1998	Nasukawa
5,768,578	06/1998	Kirk et al.
5,799,268	08/1998	Bogureev
5,822,731	10/1998	Schultz
5,822,745	10/1998	Hekmatpour
5,826,076	10/1998	Bradley et al.
5,832,220	11/1998	Johnson et al.
5,864,848	01/1999	Horvitz et al.
5,864,863	01/1999	Burrows
5,878,385	03/1999	Bralich et al.
5,878,386	03/1999	Coughlin
5,884,302	03/1999	Ho
5,890,147	03/1999	Peltonen et al.
5,913,215	06/1999	Rubenstein et al.
5,940,821	08/1999	Wical
5,948,058	09/1999	Kudoh et al.
5,950,192	09/1999	Moore et al.
5,956,711	09/1999	Sullivan et al.
5,963,894	10/1999	Richardson et al.
5,970,449	10/1999	Alleva et al.
5,974,385	10/1999	Ponting et al.
5,983,216	11/1999	Kirsch
5,991,713	11/1999	Unger et al.
5,991,756	11/1999	Wu
6,006,221	12/1999	Liddy et al.
6,009,422	12/1999	Ciccarelli
6,012,053	01/2000	Pant et al.
6,018,735	01/2000	Hunger
6,021,403	02/2000	Horvitz et al.
6,026,388	02/2000	Liddy et al.
6,032,111	02/2000	Mohrl et al.

EXAMINER:	DATE CONSIDERED:
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

Form 1449*	Docket Number: SVL920050702US2	Application Number: 10/770,295
INFORMATION DISCLOSURE STATEMENT	Applicant: Jane W. Chang et al.	
IN AN APPLICATION	Filing Date: February 2, 2004	Group Art Unit: 2164

6,038,560	03/2000	Wical			
6,055,528	04/2000	Evans			
6,064,971	05/2000	Hartnett			
6,070,158	05/2000	Kirsch et al.			
6,076,088	06/2000	Paik et al.			
6,081,774	06/2000	de Hita et al.			
6,094,652	07/2000	Falsal			
6,138,128	10/2000	Perkowitz et al.			
6,154,720	11/2000	Onishi et al.			
6,161,130	12/2000	Horvitz et al.			
6,167,370	12/2000	Tsurikov et al.			
6,169,986	01/2001	Bowman et al.			
6,182,029	01/2001	Friedman			
6,182,059	01/2001	Angotti et al.			
6,182,063	01/2001	Woods			
6,182,065	01/2001	Yeomans			
6,226,630	05/2001	Bilmers			
6,233,575	05/2001	Agrawal et al.			
6,233,578	05/2001	Machihara et al.			
6,236,987	05/2001	Horowitz et al.			
6,263,335	07/2001	Paik et al.			
6,266,631	07/2001	Malcolm			
6,271,840	08/2001	Finseth et al.			
6,275,819	08/2001	Carter			
6,292,794	09/2001	Cecchini et al.			
6,304,872	10/2001	Chao			
6,311,194	10/2001	Sheth et al.			
6,324,534	11/2001	Neal et al.			
6,327,581	12/2001	Platt			
6,349,295	02/2002	Tedesco et al.			
6,353,827	03/2002	Davies et al.			
6,363,373	03/2002	Steinkraus			

EXAMINER:	DATE CONSIDERED:
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

Form 1449*	Docket Number: SVL920050702US2	Application Number: 10/770,295
INFORMATION DISCLOSURE STATEMENT	Applicant: Jane W. Chang et al.	
IN AN APPLICATION	Filing Date: February 2, 2004	Group Art Unit: 2164

6,363,377	03/2002	Kravets et al.			
6,366,910	04/2002	Rajaraman et al.			
6,370,526	04/2002	Agrawal et al.			
6,377,945	04/2002	Rievik			
6,393,415	05/2002	Getchius et al.			
6,397,209	05/2002	Reed et al.			
6,397,212	05/2002	Biffar			
6,401,084	06/2002	Ortega et al.			
6,411,947	06/2002	Rice et al.			
6,415,250	07/2002	van den Akkar			
6,421,066	07/2002	Sivan			
6,421,675	07/2002	Ryan et al.			
6,434,554	08/2002	Asami et al.			
6,434,556	08/2002	Levin et al.			
6,438,540	08/2002	Nasr et al.			
6,446,061	09/2002	Doerre et al.			
6,446,256	09/2002	Hymen et al.			
6,449,589	09/2002	Moore			
6,466,940	10/2002	Mills			
6,542,889	04/2003	Aggarwal et al.			
6,560,590	05/2003	Shwe et al.			
6,584,464	06/2003	Warthen			
6,601,026	07/2003	Appelt et al.			
6,611,825	08/2003	Billheimer et al.			
6,618,727	09/2003	Wheeler et al.			
6,665,662	12/2003	Kirkwood et al.			
6,675,159	01/2004	Lin et al.			
6,704,728	03/2004	Chang et al.			
6,711,561	03/2004	Chang et al.			
6,714,905	03/2004	Chang et al.			
6,738,759	05/2004	Wheeler et al.			
6,745,181	06/2004	Chang et al.			

EXAMINER:	DATE CONSIDERED:
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

Form 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION		Docket Number: SVL920050702US2	Application Number: 10/770,295
		Applicant: Jane W. Chang et al.	
		Filing Date: February 2, 2004	Group Art Unit: 2164

6,748,387	06/2004	Garber et al.				
6,766,320	07/2004	Wang et al.				
2002/0103871	08/2002	Pustejovsky				
FOREIGN PATENTS						
DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
0 304 191	02/1999	EP			YES	NO
0 597 630	05/1994	EP				
NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
		Banter White Paper, "Natural Language Engines or Advanced Customer Interaction," by Banter Inc.				
		CZERWINSKI ET AL., "Visualizing Implicit Queries for Information Management and Retrieval," Proc. of CHI 1999, ACM SIGCHI Conf. on Human Factors in Computing Systems, 1999.				
		APTE ET AL., "Automated Learning of Decision Rules for Text Categorization," ACM Transactions on Information Systems," vol. 12, no. 3, 1994.				
		JOACHIMES, "Text Categorization with Support Vector Machines: Learning with Many Relevant Features," Universal Dortmund, Germany, 1998.				
		PARMENTIER ET AL., Logical Structure Recognition of Scientific Bibliographic References," 4 th Int'l Conference on Document Analysis & Recognition, vol. 2, 18-20, August 1997.				
		MOORE ET AL., "Web Page Categorization and Feature Selection Using Association Rule and Principal Component Clustering," Proceedings of the 7 th Workshop on Information Technologies and Systems, 12/1997.				
		MASE, "Experiments on Automatic Web Page Categorization for IR Systems," Technical Report, Stanford University, 1998.				
		BERNERS-LEE ET AL., "The Semantic Web," Scientific American.com, 05/17/2001.				
		BRASETHVIK ET AL., "A Conceptual Modeling Approach to Semantic Document Retrieval," Proceedings of the 14 th International Conference on Advanced Information Systems Engineering, May 27-31, 2002.				
		LOHMAN, "Grammar-like Functional Rules for Representing Query Optimization Alternative," 1998 ACM, pp. 18-27.				

EXAMINER:	DATE CONSIDERED:
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	